CHAPTER 14

DWR Perris Dam Remediation Program Mitigation Monitoring and Reporting Program

MITIGATION MONITORING AND REPORTING PROGRAM

DWR Perris Dam Remediation Program

Mitigation Measures	Implementation, Monitoring, and Reporting Action	Responsibility	Monitoring Schedule		
			Before Construction	During Construction	After Construction
Aesthetics					
Mitigation Measure 3.1-2b: DWR shall ensure that a DWR maintenance contact is provided to the City of Perris for direct communication if immediate action regarding maintenance of the extension is needed.	• Provide a contact name to the City of Perris. • Confirm the City has a copy of the most current maintenance contact list on file.	DWR			X
Mitigation Measure 3.1-2c: DWR shall coordinate with the City of Perris to develop site access control fencing and landscaping to be consistent with the City guidelines.	• Include Mitigation Measure 3.1-2c within construction specifications. • Perform site inspections to verify contractor compliance. Retain inspection records in the project file.	DWR	X		
Mitigation Measure 3.1-3: DWR shall ensure that the construction contractor retain some of the large naturally weathered boulders currently within the Bernasconi pass to adorn the finished road to retain some of the original character of the trail. DWR shall coordinate a post-construction landscape plan for the Bernasconi pass trail with State Parks.	• Include Mitigation Measure 3.1-3 within construction specifications. • Perform site inspections to verify contractor compliance. Retain inspection records in the project file.	DWR	X	X	
Mitigation Measure 3.1-4a: DWR shall ensure that lighting used for nighttime construction is shielded and directed downward to minimize impacts to neighboring residential areas.	• Include Mitigation Measure 3.1-4a within construction specifications. • Perform site inspections to verify contractor compliance. Retain inspection records in the project file.	DWR	X	X	X

DWR PERRIS DAM REMEDIATION PROGRAM MITIGATION MONITORING AND REPORTING PROGRAM (continued)

Mitigation Measures	Implementation, Monitoring, and Reporting Action	Responsibility	Monitoring Schedule		
			Before Construction	During Construction	After Construction
Mitigation Measure 3.1-4b: DWR shall notify Riverside County Planning Director prior to use of nighttime lighting. The notice shall include the location of lighting, the schedule, and total lumens.	• Prepare a lighting notice for the County's review. • Perform prior to the need for nighttime lighting.	DWR	X		
Air Quality					
Mitigation Measure 3.2-1a: DWR shall ensure that contractors implement a fugitive dust control program pursuant to the provisions of SCAQMD Rule 403.	• Include Mitigation Measure 3.2-1a in the construction contract specifications. • Perform site inspections to verify contractor compliance. Retain inspection records in the project file.	DWR		X	
Mitigation Measure 3.2-1b: DWR shall ensure that construction equipment is properly tuned and maintained in accordance with manufacturer's specifications.	• Include Mitigation Measure 3.2-1b in the construction contract specifications. • Perform site inspections to verify contractor compliance. Retain inspection records in the project file.	DWR		X	
Mitigation Measure 3.2-1c: DWR shall ensure that contractors maintain and operate construction equipment so as to minimize exhaust emissions. During construction, trucks and vehicles in loading and unloading queues would turn their engines off when not in use to reduce vehicle emissions. Construction emissions shall be phased and scheduled to avoid emissions peaks and discontinued during second-stage smog alerts.	• Include Mitigation Measure 3.2-1c in the construction contract specifications. • Perform site inspections to verify contractor compliance. Retain inspection records in the project file.	DWR		X	
Mitigation Measure 3.2-1d: Electricity from power poles rather than temporary diesel- or gasoline-powered generators shall be used where available.	• Include Mitigation Measure 3.2-1d in the construction contract specifications. • Perform site inspections to verify contractor compliance. Retain inspection records in the project file.	DWR		X	

DWR PERRIS DAM REMEDIATION PROGRAM MITIGATION MONITORING AND REPORTING PROGRAM (continued)

Mitigation Measures	Implementation, Monitoring, and Reporting Action	Responsibility	Monitoring Schedule		
			Before Construction	During Construction	After Construction
Mitigation Measure 3.2-1e: All construction vehicles shall be prohibited from idling in excess of five minutes, both on- and off-site.	• Include Mitigation Measure 3.2-1e in the construction contract specifications. • Perform site inspections to verify contractor compliance. Retain inspection records in the project file.	DWR		X	
Mitigation Measure 3.2-1f: Coatings and solvents used in the proposed project shall be consistent with applicable SCAQMD rules and regulations.	• Include Mitigation Measure 3.2-1f in the construction contract specifications. • Perform site inspections to verify contractor compliance. Retain inspection records in the project file.	DWR		X	
Mitigation Measure 3.2-1g: Wheel washers shall be installed where vehicles exit the construction site onto paved roads.	• Include Mitigation Measure 3.2-1g in the construction contract specifications. • Wheel washing locations shall be included on construction drawings. • The washers shall be installed and maintained through the construction period. • Perform site inspections to verify contractor compliance. Retain inspection records in the project file.	DWR		X	
Mitigation Measure 3.2-1h: Haul vehicles shall be covered or comply with the vehicle freeboard requirements of Section 23114 of the California Vehicle Code for both public and private roads.	• Include MM 3.2-1h in the construction contract specifications. • Perform site inspections to verify contractor compliance. Retain inspection records in the project file.	DWR		X	

DWR PERRIS DAM REMEDIATION PROGRAM MITIGATION MONITORING AND REPORTING PROGRAM (continued)

Mitigation Measures	Implementation, Monitoring, and Reporting Action	Responsibility	Monitoring Schedule		
			Before Construction	During Construction	After Construction
Mitigation Measure 3.2-1i: Prior to removing the existing drainage system down-stream of the dam, DWR shall inventory materials that may be asbestos-containing. Any asbestos-containing materials including cement pipe (transite) will be removed and disposed of by certified asbestos workers in compliance with applicable asbestos abatement regulations (40 CFR Part 763 and 29 CFR Part 1910).	• Including MM 3.2-1i in the construction contract specifications. • Perform site inspections to verify contractor compliance. Retain inspection records in the project file.	DWR		X	
Mitigation Measure 3.2-1j: DWR shall implement the following measures during construction: • Provide temporary traffic controls such as a flag person, during all phases of construction to maintain smooth traffic flow • Provide dedicated turn lanes for movement of construction trucks and equipment on- and off-site, and • Require construction parking to be configured such that traffic interference is minimized.	• Including MM 3.2-1j in the construction contract specifications. • Perform site inspections to verify contractor compliance. Retain inspection records in the project file.	DWR		X	
Mitigation Measure 3.2-1k: Consistent with mitigation measures required for other projects in the South Coast Air Basin (e.g., Port of Long Beach and Port of Los Angeles projects), require all on-site construction equipment to meet EPA Tier 2 or higher emissions standards according to the following: • April 1, 2010, to December 31, 2011: All offroad-diesel-powered construction equipment greater than 50 hp shall meet Tier 2 offroad emissions standards. In addition, all construction equipment shall be outfitted with the BACT devices certified by CARB. Any emissions control device used by the constructor shall achieve emissions reductions that are no less than what could be achieved by a Level 2 or Level 3 diesel emissions control strategy for a similarly sized engine as defined by CARB regulations. • January 1, 2012, to December 31, 2014: All offroad diesel-powered construction equipment greater than 50 hp shall meet Tier 3 offroad emissions	• Including MM 3.2-1k in the construction contract specifications. • Perform site inspections to verify contractor compliance. Retain inspection records in the project file.	DWR	X	X	

DWR PERRIS DAM REMEDIATION PROGRAM MITIGATION MONITORING AND REPORTING PROGRAM (continued)

Mitigation Measures	Implementation, Monitoring, and Reporting Action	Responsibility	Monitoring Schedule		
			Before Construction	During Construction	After Construction
standards. In addition, all construction equipment shall be outfitted with BACT devices certified by CARB. Any emissions control device used by the contractor shall achieve emissions reductions that are no less than what could be achieved by a Level 3 diesel emissions control strategy for a similarly sized engine as defined by CARB regulations. • Post-January 1, 2015: All offroad diesel-powered construction equipment greater than 50 hp shall meet the Tier 4 emission standards, where available. In addition, all construction equipment shall be outfitted with BACT devices certified by CARB. Any emissions control device used by the contractor shall achieve emissions reductions that are no less that what could be achieved by a Level 3 diesel emissions control strategy for a similarly sized engine as defined by CARB regulations. • A copy of each unit's certified tier specification, BACT documentation, and CARB or AQMD operating permit shall be provided at the time of mobilization of each applicable unit of equipment.					
Biological Resources					
Mitigation Measure 3.3-1a: DWR shall coordinate with CDFG and USFWS to minimize clearing of vegetation on the exposed lakebed outside of the construction zone while ensuring that sensitive species utilizing the habitat would not be impacted by construction activities.	• DWR will prepare construction zone limits for final designs. • Construction zone limits will be included in contractor specifications. • Perform site inspections to verify contractor compliance. Retain inspection records in the project file.	DWR	X		

DWR PERRIS DAM REMEDIATION PROGRAM MITIGATION MONITORING AND REPORTING PROGRAM (continued)

Mitigation Measures	Implementation, Monitoring, and Reporting Action	Responsibility	Monitoring Schedule		
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Mitigation Measure 3.3-1b: DWR shall prepare and implement a southern willow woodland and scrub restoration plan for temporal impacts to the northeastern riparian habitat surrounding the lake that may include the following measures: • Removal of dead trees within areas of low survivorship, leaving some in place as needed for snags, and re-contouring of select areas into planting basins of various sizes, • Obtain cuttings from the emerging post-draw-down habitat to be installed within the established planting basins, • Development of a maintenance and monitoring plan to ensure successful implementation and establishment until one year after water levels are returned to pre-draw-down conditions.	• Prior to construction, a qualified biologist shall prepare a restoration plan. • Perform site inspections to verify contractor compliance with the restoration plan. Retain inspection records in the project file.	DWR	X		
Mitigation Measure 3.3-1c: DWR shall provide compensation lands at a 1:1 ratio for permanently impacted habitat including southern willow woodland. DWR shall prepare an equivalency analysis for the compensation land.	• DWR shall identify and secure compensation lands prior to disturbance off the southern willow woodland. • DWR to provide proof of securing compensation land at a 1:1 ratio.	DWR	X		
Mitigation Measure 3.3-3a: DWR shall modify the watering regimen for the band of southern willow woodland and scrub located on the eastern lakeshore pre-drawdown edge to include a periodic flooding schedule or some other means to sustain the pre-drawdown quality and extent of riparian habitat. Maintaining the pre-drawdown quality and extent of the riparian band through the project construction period would reduce temporary impacts to least Bell's vireo habitat impacted by the temporary lake drawdown. The regimen would be discontinued upon the refilling of the lake to its normal operating elevation of 1588 feet.	• DWR shall modify the watering regimen to include the willow woodland and scrub located on the eastern lakeshore. • Perform site inspections to verify the watering regimen has been implemented.	DWR monitor		X	X (ongoing until lake is returned to 1588 feet)

DWR PERRIS DAM REMEDIATION PROGRAM MITIGATION MONITORING AND REPORTING PROGRAM (continued)

Mitigation Measures	Implementation, Monitoring, and Reporting Action	Responsibility	Monitoring Schedule		
			Before Construction	During Construction	After Construction
Mitigation Measure 3.3-3b: DWR shall conduct the following measures: • Vegetation clearing needed to accommodate construction activities shall occur during the non-nesting season where feasible. • For habitat removal conducted during the vireo nesting season, DWR shall have a qualified biologist conduct a pre-construction nesting season protocol survey for the least Bell's vireo within the project area to determine and map the location and extent of nesting least Bell's vireo occurrence(s). • DWR shall avoid direct impacts on nesting least Bell's vireos located within the construction right of way. This could be accomplished by establishing the construction right of way and removal of plant material outside of the typical breeding season. • If construction and vegetation removal is proposed for the vireo nesting period then active nest sites located during the pre-construction surveys shall be avoided and a non-disturbance buffer zone shall be established as approved by the USFWS and CDFG. Nest sites shall be avoided with approved non-disturbance buffer zones until the adults and young are no longer reliant on the nest site for survival as determined by a qualified biologist.	• DWR shall have a qualified biologist do pre-construction nesting bird surveys • DWR shall submit survey results to CDFG and USFWS. • Nest sites shall be avoided until directed otherwise by a qualified biologist • Perform site inspections to verify contractor compliance with the biologist recommendations. Retain inspection records in the project file.	DWR and Construction Contractor	X		
Mitigation Measure 3.3-4: DWR shall implement the following measures: • DWR shall have a qualified biologist with a Stephens' kangaroo rat handling permit, conduct pre-construction surveys for the Stephens' kangaroo rat within the grassland habitat to determine and map the location and extent of Stephens' kangaroo rat occurrence(s) within the project impact area. Confirmed Stephens' kangaroo rat precincts shall be avoided with the establishment of a non-disturbance buffer zone approved by the USFWS and CDFG. DWR shall stake, flag, fence, or otherwise clearly delineate the	• DWR shall have a qualified biologist do pre-construction Stephens' kangaroo rat surveys. • DWR shall submit survey results to CDFG and USFWS. • Perform site inspections to verify contractor compliance with the biologist recommendations. Retain inspection records in the project file.	DWR	X		

DWR PERRIS DAM REMEDIATION PROGRAM MITIGATION MONITORING AND REPORTING PROGRAM (continued)

Mitigation Measures	Implementation, Monitoring, and Reporting Action	Responsibility	Monitoring Schedule		
			Before Construction	During Construction	After Construction
construction right-of-way that restricts the limits of construction to the minimum necessary to implement the project that also would avoid and minimize impacts on the Stephens' kangaroo rat. • Where avoidance of confirmed Stephens' kangaroo rat precincts is infeasible and unavoidable, and if approved by the RCHCA, DWR shall have qualified biologists permitted or otherwise approved by the USFWS conduct a pre-construction Stephens' kangaroo rat trapping and relocation effort to minimize take of the Stephens' kangaroo rat during construction. • DWR shall install a silt fence or some other impermeable barrier to Stephens' kangaroo rat to exclude Stephens' kangaroo rat from entering the active work areas.					
Mitigation Measure 3.3-5a: DWR shall have a qualified biologist conduct a pre-construction spring/summer active season reconnaissance survey for nesting/roosting migratory bird species, and other nesting birds within 150-feet of the construction limits of each project element to determine and map the location and extent of special-status species occurrence(s) that could be affected by the project.	• DWR shall have a qualified biologist do pre-construction nesting/roosting migratory bird surveys. • DWR shall submit survey results to CDFG and USFWS. • Nest sites shall be avoided until directed otherwise by a qualified biologist. • Perform site inspections to verify contractor compliance with the biologist recommendations. Retain inspection records in the project file.	DWR	X		

DWR PERRIS DAM REMEDIATION PROGRAM MITIGATION MONITORING AND REPORTING PROGRAM (continued)

Mitigation Measures	Implementation, Monitoring, and Reporting Action	Responsibility	Monitoring Schedule		
			Before Construction	During Construction	After Construction
Mitigation Measure 3.3-5b: DWR shall avoid direct impacts on any nesting birds located within the limits of construction. This could be accomplished by establishing the construction right of way and removal of plant material outside of the typical breeding season (February 1 through August 31).	• DWR shall have a qualified biologist do pre-construction nesting bird surveys. • DWR shall clearly delineate the construction right-of-way (stake, flag, fence, etc.). • Perform site inspections to verify contractor compliance with the biologist recommendations. Retain inspection records in the project file.	DWR	X	X (During February 1 through August 31)	
Mitigation Measure 3.3-5c: If construction and vegetation removal is proposed for the bird nesting period February 1 through August 31, then active nest sites located during the pre-construction surveys shall be avoided and a non-disturbance buffer zone established dependent on the species and in consultation with the USFWS and CDFG. Nest sites shall be avoided with approved non-disturbance buffer zones until the adults and young are no longer reliant on the nest site for survival as determined by a qualified biologist.	• DWR will prepare construction zone limits for final designs if vegetation removal would occur between February 1 through August 31 • DWR shall submit survey results to CDFG and USFWS. • Nest sites shall be avoided until directed otherwise by a qualified biologist. • Perform site inspections to verify contractor compliance with the biologist recommendations. Retain inspection records in the project file.	DWR	X	X (During February 1 through August 31)	
Mitigation Measure 3.3-6a: DWR shall have a qualified biologist conduct a pre-construction field reconnaissance survey for non-listed special-status ground-dwelling species within the construction right-of-way.	• DWR shall have a qualified biologist do pre-construction field reconnaissance survey for non-listed special-status ground-dwelling species within the construction right-of-way • DWR shall submit survey results to CDFG and USFWS. • Perform site inspections to verify contractor compliance with the biologist recommendations. Retain inspection records in the project file.	DWR	X		

DWR PERRIS DAM REMEDIATION PROGRAM MITIGATION MONITORING AND REPORTING PROGRAM (continued)

Mitigation Measures	Implementation, Monitoring, and Reporting Action	Responsibility	Monitoring Schedule		
			Before Construction	During Construction	After Construction
Mitigation Measure 3.3-6b: DWR shall avoid and minimize impacts on documented locations of special-status ground dwelling species to the extent feasible and practicable by reducing the construction right-of-way through areas of occurrences to either avoid the occurrence or reduce impacts to the minimum necessary to complete the project.	• DWR will prepare construction right-of-ways to avoid any documented locations of special-status ground dwelling species. • Perform site inspections to verify contractor compliance with the biologist recommendations. Retain inspection records in the project file.	DWR	X	X	
Mitigation Measure 3.3-6c: DWR shall stake, flag, fence, or otherwise clearly delineate the construction right-of-way that restricts the limits of construction to the minimum necessary to implement the project that also would avoid and minimize impacts on special-status ground dwelling wildlife species.	• DWR will prepare construction right-of-ways to avoid any documented locations of special-status ground dwelling species. • Perform site inspections to verify contractor compliance with the biologist recommendations. Retain inspection records in the project file.	DWR	X	X	
Mitigation Measure 3.3-6d: DWR shall install a silt fence or some other impermeable barrier to exclude small wildlife species from entering the active work areas. Exclusion fencing can be limited to areas of documented occurrences of special-status wildlife as determined during pre-construction surveys.	• DWR shall install exclusionary fencing to prevent small wildlife species from entering the active work areas. • Perform site inspections to verify contractor compliance with the biologist recommendations. Retain inspection records in the project file.	DWR	X	X	

DWR PERRIS DAM REMEDIATION PROGRAM MITIGATION MONITORING AND REPORTING PROGRAM (continued)

Mitigation Measures	Implementation, Monitoring, and Reporting Action	Responsibility	Monitoring Schedule		
			Before Construction	During Construction	After Construction
Mitigation Measure 3.3-6e: DWR shall have a qualified biologist conduct pre-construction and construction capture, salvage, and relocation efforts to remove special-status ground dwelling wildlife species, and other common species to the extent feasible, out of harms way to avoid and minimize impacts on these species.	• DWR shall contract qualified biologists to conduct pre-construction trapping and relocation efforts of special-status ground dwelling wildlife species. • DWR shall submit survey results to CDFG and USFWS. • Nest sites shall be avoided until directed otherwise by a qualified biologist. • Perform site inspections to verify contractor compliance with the biologist recommendations. Retain inspection records in the project file.	DWR	X	X	
Mitigation Measure 3.3-7a: DWR shall have a qualified biologist conduct a pre-construction spring/summer active season reconnaissance survey for nesting/roosting coastal California gnatcatcher, burrowing owl, special-status bird and bat species, and other nesting birds within 150-feet of the construction limits of each project element to determine and map the location and extent of special-status species occurrence(s) that could be affected by the project. • If burrowing owls are found to be present, appropriate protocol surveys must be conducted. Avoidance of burrowing owls during the nesting season shall be required, and if burrowing owls are found outside of the nesting season they shall be relocated by a qualified biologist in consultation with the USFWS and CDFG.	• DWR shall have a qualified biologist do pre-construction nesting/roosting special-status bird surveys\ • DWR shall submit survey results to CDFG and USFWS. • Nest sites shall be avoided until directed otherwise by a qualified biologist. • Perform site inspections to verify contractor compliance with the biologist recommendations. Retain inspection records in the project file.	DWR	X	X	

DWR PERRIS DAM REMEDIATION PROGRAM MITIGATION MONITORING AND REPORTING PROGRAM (continued)

Mitigation Measures	Implementation, Monitoring, and Reporting Action	Responsibility	Monitoring Schedule		
			Before Construction	During Construction	After Construction
Mitigation Measure 3.3-7b: DWR shall avoid direct impacts on any nesting birds located within the limits of construction. This could be accomplished by establishing the construction right of way and removal of plant material outside of the typical breeding season (February 1 through August 31).	• DWR will establish construction right-of-ways and will remove of plant material outside of the typical breeding season (February 1 through August 31) to avoid impacts to nesting birds. • Perform site inspections to verify contractor compliance with the biologist recommendations. Retain inspection records in the project file.	DWR	X	X (During February 1 through August 31)	
Mitigation Measure 3.3-7c: If construction and vegetation removal is proposed for the bird nesting period February 1 through August 31, then active nest sites located during the pre-construction surveys shall be avoided and a non-disturbance buffer zone established dependent on the species and in consultation with the USFWS and CDFG. Nest sites shall be avoided with approved non-disturbance buffer zones until the adults and young are no longer reliant on the nest site for survival as determined by a qualified biologist.	• DWR shall prepare non-disturbance buffer zones for nesting birds. • DWR shall submit survey results to CDFG and USFWS. • Nest sites shall be avoided until directed otherwise by a qualified biologist. • Perform site inspections to verify contractor compliance with the biologist recommendations. Retain inspection records in the project file.	DWR	X	X (During February 1 through August 31)	
Mitigation Measure 3.3-7d: If a natal bat roost site is located within the limits of construction during pre-construction surveys, it shall be avoided with non-disturbance buffer zone established by a qualified biologist in consultation with the USFWS and CDFG until the site is abandoned.	• Prior to construction and vegetation removal, DWR shall contract a qualified biologist to clearly delineate a non-disturbance buffer around any natal bat roost sites. • DWR shall submit survey results to CDFG and USFWS. • Nest sites shall be avoided until directed otherwise by a qualified biologist. • Perform site inspections to verify contractor compliance with the biologist recommendations. Retain inspection records in the project file.	DWR	X		

DWR PERRIS DAM REMEDIATION PROGRAM MITIGATION MONITORING AND REPORTING PROGRAM (continued)

Mitigation Measures	Implementation, Monitoring, and Reporting Action	Responsibility	Monitoring Schedule		
			Before Construction	During Construction	After Construction
Mitigation Measure 3.3-7e: DWR shall minimize impacts on documented locations of special-status species and any nesting birds by reducing the construction right-of-way through areas of occurrences to either avoid the occurrence or reduce impacts to the minimum necessary to complete the project.	• DWR shall clearly delineate the construction right-of-way (stake, flag, fence, etc.). • DWR will remove plant material outside of the breeding season. • Perform site inspections to verify contractor compliance. Retain inspection records in the project file.	DWR	X	X	
Mitigation Measure 3.3-7f: DWR shall stake, flag, fence, or otherwise clearly delineate the construction right-of-way that restricts the limits of construction to the minimum necessary to implement the project that also would avoid and minimize impacts on special-status wildlife species.	• DWR shall clearly delineate the construction right-of-way (stake, flag, fence, etc.). • Perform site inspections to verify contractor compliance. Retain inspection records in the project file.	DWR	X	X	
Mitigation Measure 3.3-8: DWR in consultation with the Lake Perris SRA and CDFG shall plan for restoration of the fishery resource at Lake Perris to a sustainable population that supports recreation uses. • DWR shall fund habitat placement and fish monitoring in Lake Perris for five years, once the lake level is restored to Elevation 1588, under an agreement with CDFG. • DWR shall continue to coordinate and work with CDFG on appropriate activities to restore fish levels after reservoir restoration for a five-year period. These efforts may include additional habitat placement and/or fish stocking.	• DWR shall establish a fund for habitat replacement and fish monitoring. • DWR will coordinate with CDFG on appropriate activities to restore the fish stock. • Show documentation for established restoration fund.	DWR	X		

DWR PERRIS DAM REMEDIATION PROGRAM MITIGATION MONITORING AND REPORTING PROGRAM (continued)

Mitigation Measures	Implementation, Monitoring, and Reporting Action	Responsibility	Monitoring Schedule		
			Before Construction	During Construction	After Construction
Mitigation Measure 3.3-9a: In order to minimize impacts to shallow water breeding and rearing habitat for the non-native warm water fish and waterfowl resources around the eastern reservoir edge, the borrow area shall be established with a 125-foot no disturbance buffer zone between the inside reservoir edge of the riparian habitat and the edge of the borrow area. The 125-foot buffer would create a shallow bench around the reservoir edge and promote aquatic plant growth that would provide habitat for invertebrates and cover for fishes. Variable size rocks and rip rap shall be placed along portions of the borrow area in areas that would not generate hazards to boats. Gravel shall be placed on the shelf areas created by new excavation and maintained shallow water habitat, to promote spawning areas. Rootwads or other habitat enhancement structures intended to provide cover for fishes and generate foraging and spawning habitat, shall be placed within the rip rap and rocks where they do not present a hazard to boating.	• DWR shall establish a 125-foot no disturbance buffer around the reservoir edge. • Construction zone limits will be included in contractor specifications. • Include construction zone limits in construction specifications.	DWR	X		
Mitigation Measure 3.3-9b: DWR shall minimize the borrow area size to the extent feasible, leaving as much of the previous shallow water shoreline as possible. The final designs given to the contractor will include a detailed construction zone limitation that identifies a minimum shoreline buffer zone.	• DWR shall clearly delineate the minimum shoreline buffer zone. • Perform site inspections to verify contractor compliance. Retain inspection records in the project file.	DWR	X		
Mitigation Measure 3.3-9c: DWR in consultation with CDFG shall fund the restoration of up to 24 acres of duck foraging habitat within the San Jacinto Wildlife Refuge area. DWR shall provide management assistance for a period not to exceed five years, after which time management costs will be the responsibility of CDFG.	• DWR shall establish 24-acres of duck foraging habitat. • Site inspection.	DWR	X	X	

DWR PERRIS DAM REMEDIATION PROGRAM MITIGATION MONITORING AND REPORTING PROGRAM (continued)

Mitigation Measures	Implementation, Monitoring, and Reporting Action	Responsibility	Monitoring Schedule		
			Before Construction	During Construction	After Construction
Mitigation Measure 3.3-11: In order to comply with the Stephens' Kangaroo Rat HCP, the project shall be reviewed by the RCHCA. If occupied habitat is permanently affected by the project, DWR shall acquire compensation lands adjacent to a potential habitat reserve site at a 1:1 ratio or pay the $500 per acre mitigation fee set out by Riverside County Ordinance 663.10 or as required by the RCHCA.	• DWR shall have a qualified biologist do pre-construction Stephens' kangaroo rat surveys. • DWR shall have the results of the survey reviewed by the RCHCA. • 3. If required, DWR shall acquire compensation lands at a 1:1 ratio or pay the $500 per acre mitigation fee. • DWR shall negotiate with the RCHCA once all of the surveys have been completed to determine the best action.	DWR	X		
Cultural Resources					
Mitigation Measure 3.4-1: In the event that prehistoric or historic subsurface cultural resources are discovered during ground-disturbing activities, all work within 50 feet of the resources shall be halted and DWR shall consult with a qualified archaeologist to assess the significance of the find according to *CEQA Guidelines* Section 15064.5. If any find is determined to be significant, DWR and the archaeologist shall meet to determine the appropriate avoidance measures or other appropriate mitigation. DWR (as applicable) shall make the final determination. All significant cultural materials recovered shall be, as necessary and at the discretion of the consulting archaeologist, subject to scientific analysis, professional museum curation, and documentation according to current professional standards. In considering any suggested mitigation proposed by the consulting archaeologist in order to mitigate impacts to historical resources or unique archaeological resources, DWR shall determine whether avoidance is necessary and feasible in light of factors such as the nature of the find, project design, costs, and other considerations. If avoidance is infeasible, other appropriate measures (e.g., data recovery) shall be instituted. Work may proceed on other parts of the project site while mitigation	• DWR shall retain a qualified professional in the event that any subsurface cultural resources are discovered. • All significant cultural material will be analyzed and a report will be prepared. • DWR shall notify contractors of this requirement during contract negations. The construction foreman shall have available, at all times, contact information for a qualified archaeologist in the event of unexpected discovery.	DWR and Construction Contractor		X	

DWR PERRIS DAM REMEDIATION PROGRAM MITIGATION MONITORING AND REPORTING PROGRAM (continued)

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for historical resources or unique archaeological resources is being carried out. Indirect impacts to archaeological sites CA-RIV-1849, -463, -1697, -62, -604, -452, -489, -605, and -3024 may occur as a result of project-related activities, such as blasting, diesel exhaust, and dust. Therefore, DWR shall develop and implement a mitigation and monitoring plan for these sites prior to project implementation. Since several of these sites include rock art panels, the plan shall be developed in consultation with a qualified rock art conservator.					
Mitigation Measure 3.4-2: DWR shall develop and implement a Paleontological Resource Monitoring and Mitigation Plan (PRMMP) prior to the onset of construction-related earth moving activities in order to either avoid or mitigate to a less-than-significant effect on these resources. The PRMMP should be designed by a qualified paleontologist. During earth-moving construction-related activities, additional fossil sites may be uncovered. The PRMMP must include: • Mitigation protocol for all activities; • Special consideration should be made to collect sediment samples for potential fossiliferous locations as per the society of Vertebrate Paleontology standards; • Stratigraphic cross sections must be recorded; • Mapping of the geologic units must be graphed; and • Fossil remains must be cleaned, analyzed, and catalogued to be accepted for curation at a legal repository. All work must be conducted by a qualified Paleontologist and a final Report of Findings must be submitted upon completion of laboratory analysis.	• DWR shall develop and implement a Paleontological Resource Monitoring and Mitigation Plan. • Retain the PRMMP report in the project file. • DWR shall notify contractors of this requirement during contract negations. The construction foreman shall have available, at all times, contact information for a qualified paleontologist in the event of unexpected discovery.	DWR and Construction Contractor	X	X	

DWR PERRIS DAM REMEDIATION PROGRAM MITIGATION MONITORING AND REPORTING PROGRAM (continued)

Mitigation Measures	Implementation, Monitoring, and Reporting Action	Responsibility	Monitoring Schedule		
			Before Construction	During Construction	After Construction
Mitigation Measure 3.4-3: If human skeletal remains are uncovered during project construction, DWR (depending upon the project component) shall immediately halt work, contact the Riverside County coroner to evaluate the remains, and follow the procedures and protocols set forth in Section 15064.5 (e)(1) of the *CEQA Guidelines*. If the County coroner determines that the remains are Native American, DWR shall contact the NAHC, in accordance with Health and Safety Code Section 7050.5, subdivision (c), and Public Resources Code 5097.98 (as amended by AB 2641). Per Public Resources Code 5097.98, the landowner shall ensure that the immediate vicinity, according to generally accepted cultural or archaeological standards or practices, where the Native American human remains are located, is not damaged or disturbed by further development activity until the landowner has discussed and conferred, as prescribed in this section (PRC 5097.98), with the most likely descendents regarding their recommendations, if applicable, taking into account the possibility of multiple human remains.	• Mitigation Measure 3.4-3 shall be noted on construction drawings. • DWR shall notify contractors of this requirement during contract negations. The construction foreman shall have available, at all times, contact information for the County Coroner in the event of unexpected discovery.	DWR		X	
Geology, Soils, Seismicity, and Mineral Resources					
Mitigation Measure 3.5-1a: During the final design phase of the project, DWR shall perform a design-level geotechnical evaluation to ensure the function of the stability berm. The geotechnical evaluation shall prescribe measures to mitigate hazards associated with excavation of the existing embankment. Slope stabilization measures may be identified including slope inclination, CDSM depths and locations, fill compaction, soil reinforcement, surface and subsurface drainage facilities, temporary shoring, and erosion control measures. These measures shall consider the long-term stability of the disturbed areas following construction activities.	• DWR shall prepare a design-level geotechnical report. • DWR shall ensure the recommendations of the geotechnical report are implemented during construction.	DWR	X	X	

DWR PERRIS DAM REMEDIATION PROGRAM MITIGATION MONITORING AND REPORTING PROGRAM (continued)

Mitigation Measures	Implementation, Monitoring, and Reporting Action	Responsibility	Monitoring Schedule		
			Before Construction	During Construction	After Construction
Mitigation Measure 3.5-1b: Prior to re-activating the quarry, DWR shall conduct a geotechnical evaluation of the quarry and provide recommendations to stabilize the quarry walls. Recommendations will include at a minimum the following, in conformance with hard rock mining and worker safety regulations: • Side wall contouring requirements • Shoring requirements • Stabilization requirements • Rock-fall protection mechanisms	• DWR shall prepare a geotechnical evaluation of the quarry prior to re-activating it. • DWR shall ensure the recommendations of the geotechnical evaluation are implemented during construction.	DWR	X	X	
Mitigation Measure 3.5-2: DWR shall incorporate into contract specifications the requirement that the contractor(s) develop and implement an erosion control plan, in addition to implementing requirements for preventing storm water pollution from construction activities as required by the Storm Water Pollution Prevention Plan (SWPPP). These requirements include developing and implementing erosion control measures for all construction activities including the following: • Slope stabilization measures • Haul road surface maintenance • Wind erosion protection measures for stockpiled soil • Storm water runoff control for all construction areas • Post construction restoration plans The final reclamation plan for the borrow area and rock quarry shall include drainage improvements to minimize erosion potential. Regular maintenance of the disturbed areas and stockpiled materials shall also be included in contract specifications for the contractor(s).	• DWR shall prepare a erosion control plan. • The erosion control measure shall be included in the construction drawings. • Perform site inspections to verify contractor compliance. Retain inspection records in the project file.	DWR	X	X	

DWR PERRIS DAM REMEDIATION PROGRAM MITIGATION MONITORING AND REPORTING PROGRAM (continued)

Mitigation Measures	Implementation, Monitoring, and Reporting Action	Responsibility	Monitoring Schedule		
			Before Construction	During Construction	After Construction
Mitigation Measure 3.5-3: The geotechnical evaluation shall include a review of the surface and near-surface materials in the areas where materials will be stockpiled. The evaluation shall determine if the underlying materials have adequate short-term strength to support the proposed stockpiles and, if not, shall provide recommendations to avoid this hazard. The recommendations shall be incorporated into contract specifications for the contractor(s). Recommendations could include reducing the size of the stockpiles, increasing the number of stockpiles, and finding alternative locations for stockpiles.	• The geotechnical evaluation shall include an evaluation of the surface and near-surface materials in the vicinity of the stockpile locations. • DWR shall ensure the recommendations of the evaluation are reviewed during the stockpile location selection processes.	DWR	X	X	
Hazards and Hazardous Materials					
Mitigation Measure 3.6-2: DWR shall prepare a site safety plan that outlines the procedures necessary to remove potentially asbestos-containing building materials encountered during the excavation activities. The site safety plan shall outline personal protection requirements and training requirements for workers and shall outline removal and disposal methods.	• DWR shall prepare an asbestos safety plan. • Retain safety plan in the project file.	DWR and Construction Contractor	X	X	
Mitigation Measure 3.6-3: In accordance with the Public Resources Code, the construction contractor shall be required to comply with the following legal requirements during construction activities for the proposed project: • Earthmoving and portable equipment with internal combustion engines shall be equipped with a spark arrestor to reduce the potential for igniting a wildland fire (PRC Section 4442). • Appropriate fire suppression equipment shall be maintained during construction – from April 1 to December 1 (PRC Section 4428). • On days during the year when a burning permit is required, flammable materials shall be removed to a distance of 10 feet from any equipment that could produce a spark, fire, or flame, and the construction contractor shall maintain the appropriate fire suppression equipment (PRC Section 4427).	• Include Mitigation Measure 3.6-3 in the construction contract specifications. • Perform site inspections to verify contractor compliance. Retain inspection records in the project file.	DWR and qualified environmental professional		X	

DWR PERRIS DAM REMEDIATION PROGRAM MITIGATION MONITORING AND REPORTING PROGRAM (continued)

Mitigation Measures	Implementation, Monitoring, and Reporting Action	Responsibility	Monitoring Schedule		
			Before Construction	During Construction	After Construction
• On days during the year when a burning permit is required, portable tools powered by gasoline-fueled internal combustion engines shall not be used within 25 feet of any flammable materials (PRC Section 4431). These measures shall be included in the contractor's contract specifications. The contractor shall be responsible for the implementation and monitoring of these safety measures and regular reporting to DWR.					
Hydrology and Water Quality					
Mitigation Measure 3.7-1a: DWR shall prepare a SWPPP for each construction activity associated with the proposed project. The SWPPP shall be maintained at the construction site for the entire duration of construction. The objectives of the SWPPP are to identify pollutant sources that may affect the quality of storm water discharge and to implement BMPs to reduce pollutants in storm water discharges during construction and post construction. SWPPPs shall include the following: • Source identification; • Preparation of a site map; • Description of construction materials, practices, and equipment storage and maintenance; • List of pollutants likely to contact storm water; • Estimate of the construction site area and percent impervious area; • Erosion and sedimentation control practices, including soils stabilization, revegetation, and runoff control to limit increases in sediment in storm water runoff, such as detention basins, fiber rolls, silt fences, check dams, geofabrics, drainage swales, and sandbag dikes; • Proposed construction dewatering plans;	• Include preparation and implementation of a SWPPP, as required by state law. • Keep SWPPP in the project file at the work site. • Perform site inspections to verify contractor compliance. Retain inspection records in the project file.	DWR and Construction Contractor	X	X	

DWR PERRIS DAM REMEDIATION PROGRAM MITIGATION MONITORING AND REPORTING PROGRAM (continued)

Mitigation Measures	Implementation, Monitoring, and Reporting Action	Responsibility	Monitoring Schedule		
			Before Construction	During Construction	After Construction
• List of provisions to eliminate or reduce discharge of materials to storm water; • Description of waste management practices; • Spill prevention and control measures; • Maintenance and training practices; and • Sampling and analysis strategy and sampling schedule for discharges from construction activities.					
Mitigation Measure 3.7-1b: DWR shall incorporate into contract specifications the requirements that: • The construction staging areas shall be graded to contain surface runoff so that contaminants such as oil, grease, and fuel products do not drain towards receiving waters. • If heavy-duty construction equipment is stored overnight at the construction staging areas, drip pans or plastic lines with edges shall be placed beneath the machinery engine block and hydraulic systems to prevent any leakage from entering runoff or receiving waters. • No pesticides or herbicides will be used to maintain vegetation clearing during construction. • Vehicle fueling will be conducted a minimum of 500 feet from Lake Perris. • The haul road over the Bernasconi Hills shall be designed with a drainage system that prevents runoff scouring and rutting. Runoff from the sloping roadway shall be conveyed to drainages at lower elevations with minimal velocity to prevent scouring. • Any grout waste or spills will be cleaned up immediately and disposed of off-site.	• Include Mitigation Measure 3.7-1b in the construction contract specification. • Perform site inspections to verify contractor compliance. Retain inspection records in the project file.	DWR		X	

DWR PERRIS DAM REMEDIATION PROGRAM MITIGATION MONITORING AND REPORTING PROGRAM (continued)

Mitigation Measures	Implementation, Monitoring, and Reporting Action	Responsibility	Monitoring Schedule		
			Before Construction	During Construction	After Construction
• Spill kits capable of containing hazardous spills will be stored on-site. Required materials will be specified in contractor specifications. • Following completion of the project, the construction contractor will remove and properly dispose of all construction debris from the inundation zone of the lake. A qualified inspector (Registered Environmental Assessor with the State of California) will survey the construction zone within the inundation area following completion of construction activities. The survey will document any staining or areas where soil contamination may have occurred during construction, including along the length of the haul road within the inundation area. The contractor will remove and dispose of properly any contaminated soils identified in the construction area. If necessary as determined by the qualified inspector, soil samples will be collected along the length of the haul road to determine whether soil contamination has occurred.					
Noise and Vibration					
Mitigation Measure 3.9-1a: Nighttime work shall not include blasting or sheet pile-driving.	• Include Mitigation Measure 3.9-1a in the construction contract specification. • Perform site inspections to verify contractor compliance. Retain inspection records in the project file.	DWR		X	
Mitigation Measure 3.9-1b: In coordination with DPR at Lake Perris SRA, construction contractors shall implement the following: • Signs shall be posted at the construction sites that include permitted construction days and hours, a day and evening contact number for the job site, and a contact number in the event of problems. • An on-site complaint and enforcement manager shall respond to and track complaints and questions related to noise.	• Include Mitigation Measure 3.9-1b in the construction contract specification. • Perform site inspections to verify contractor compliance. Retain inspection records in the project file. • DWR shall verify that noise complaints have been adequately addressed.	DWR		X	

DWR PERRIS DAM REMEDIATION PROGRAM MITIGATION MONITORING AND REPORTING PROGRAM (continued)

Mitigation Measures	Implementation, Monitoring, and Reporting Action	Responsibility	Monitoring Schedule		
			Before Construction	During Construction	After Construction
Mitigation Measure 3.9-1c: To reduce noise impacts due to construction, DWR shall require construction contractors to implement the following measures: • During construction, the contractor shall outfit all equipment, fixed or mobile, with properly operating and maintained exhaust and intake mufflers, consistent with manufacturers' standards. • Impact tools (e.g., jack hammers, pavement breakers, and rock drills) used for construction shall be hydraulically or electrically powered wherever possible to avoid noise associated with compressed air exhaust from pneumatically powered tools. Where use of pneumatic tools is unavoidable, an exhaust muffler on the compressed air exhaust shall be used. External jackets on the tools themselves shall be used where feasible. Quieter procedures, such as use of drills rather than impact tools, shall be used whenever feasible. • Stationary noise sources that could affect adjacent receptors shall be located as far from adjacent receptors as possible. • Daytime construction activities would be limited to the times of 7:00 a.m. and 7:00 p.m. • Residents and park visitors shall be notified in advance of the night work schedule.	• Include Mitigation Measure 3.9-1c in the construction contract specification. • Perform site inspections to verify contractor compliance. Retain inspection records in the project file.	DWR		X	
Mitigation Measure 3.9-1d: A Blasting Plan for construction shall be prepared and followed that includes the following: • Primary components of the Blasting Plan shall include: – Identification of blast officer; – Scaled drawings of blast locations, and neighboring buildings, streets, or other locations which could be inhabited;	• DWR shall prepare a blasting plan to include the primary components listed in Mitigation Measure 3.9-1d. • Perform site inspections to verify contractor compliance. Retain inspection records in the project file.	DWR	X	X	

DWR PERRIS DAM REMEDIATION PROGRAM MITIGATION MONITORING AND REPORTING PROGRAM (continued)

Mitigation Measures	Implementation, Monitoring, and Reporting Action	Responsibility	Monitoring Schedule		
			Before Construction	During Construction	After Construction
– Blasting notification procedures, lead times, and list of those notified. Public notification to potentially affected vibration and nuisance noise receptors describing the expected extent and duration of the blasting; – Description of means for transportation and on-site storage and security of explosives in accordance with local, state and federal regulations; – Minimum acceptable weather conditions for blasting and safety provisions for potential stray current (if electric detonation); – Traffic control standards and traffic safety measures (if applicable); – Required personal protective equipment; – Minimum standoff distances and description of blast impact zones and procedures for clearing and controlling access to blast danger; – Procedures for handling, setting, wiring, and firing explosives. Also procedures for handling misfires per Federal code; – Type and quantity of explosives and description of detonation device. Sequence and schedule of blasting rounds, including general method of excavation, lift heights, etc.; – Methods of matting or covering of blast area to prevent flyrock and excessive air blast pressure; – Description of blast vibration and air blast monitoring programs; – Dust control measures in compliance with applicable air pollution control regulations (to interface with general construction dust control plan);					

DWR PERRIS DAM REMEDIATION PROGRAM MITIGATION MONITORING AND REPORTING PROGRAM (continued)

Mitigation Measures	Implementation, Monitoring, and Reporting Action	Responsibility	Monitoring Schedule		
			Before Construction	During Construction	After Construction
– Emergency Action Plan to provide emergency telephone numbers and directions to medical facilities. Procedures for action in the event of injury; – Material Safety Data Sheets for each explosive or other hazardous materials to be used; – Evidence of licensing, experience, and qualifications of blasters; and – Description of insurance for the blasting work. • A sound attenuation plan shall be prepared outlining sound control measures that would include the use of blasting mats or sound walls. • If vibration results in damage to any nearby structures or utilities, or scenic rock faces, blasting shall immediately cease. The stability of segmental retaining walls, existing slopes, creek canals, etc. shall be monitored and any evidence of instability due to blasting operations shall result in immediate termination of blasting. • Explosive materials shall be delivered in specially built vehicles marked with United Nations (UN) hazardous materials placards. Explosives and detonators shall be delivered in separate vehicles or be separated in compartments meeting U.S. Department of Transportation (DOT) rules within the same vehicle. Vehicles shall have at least two 10-pound Class-A fire extinguishers and all sides of the vehicles display placards displaying the UN Standard hazard code for the onboard explosive materials. Drivers shall have commercial driver licenses (CDL) with Hazmat endorsements, and drivers shall carry bill-of-lading papers detailing the exact quantities and code dates of transported explosives or detonators. • The contractor must comply with U.S. Bureau of Alcohol, Tobacco, Firearms and Explosives (ATF) table-of-distance requirements (CFR 27, U.S. Department of Justice, Alcohol, Tobacco, Firearms and Explosives Division Part 555) that restrict explosive quantities					

DWR PERRIS DAM REMEDIATION PROGRAM MITIGATION MONITORING AND REPORTING PROGRAM (continued)

Mitigation Measures	Implementation, Monitoring, and Reporting Action	Responsibility	Monitoring Schedule		
			Before Construction	During Construction	After Construction
based on distance from occupied buildings and public roadways. Employees must also comply with the security requirements of the Safe Explosives Act (Title XI, Subtitle C of Public Law 107-296, Interim Final Rule), implemented in March 2003. These requirements require background checks for all persons that use, handle or have access to explosive materials; and responsible persons on a now required federal explosives license must submit photographs and fingerprints with the application to ATF. • The contractor shall provide 24-hour security and/or the use of motion-detector and alarmed double wire fencing security measures around the stored explosives.					
Public Services and Utilities					
Mitigation Measure 3.10-1a: DWR will incorporate into contract specifications the requirements that: • Fencing shall be maintained around the perimeter of the construction zone including at the lake shore at all times during construction. Fencing at the lake shore would be designed to prevent any vessel from reaching the shoreline within the construction zone. • Signs shall be posted in English and Spanish on the fence warning visitors to stay outside the construction zones. • Construction equipment and trailers shall be secured each day in order to prevent items from being stolen or damaged. • Construction contractors shall be provided training to be aware of park visitors. Any visitors seen within the construction zone shall be immediately escorted out.	• Include Mitigation Measure 3.10-1a in the construction contract specification. • Perform site inspections to verify contractor compliance. Retain inspection records in the project file.	DWR		X	

DWR PERRIS DAM REMEDIATION PROGRAM MITIGATION MONITORING AND REPORTING PROGRAM (continued)

Mitigation Measures	Implementation, Monitoring, and Reporting Action	Responsibility	Monitoring Schedule		
			Before Construction	During Construction	After Construction
Mitigation Measure 3.10-1b: DWR shall coordinate with California State Parks personnel to develop a site safety plan for the construction activities. The plan would identify construction zone access including fencing and gate control, routine patrolling, and signage.	• DWR to prepare a site safety plan for construction activities. • California State Park shall review the plan. • Perform site inspections to verify contractor compliance with the plan. Retain inspection records in the project file.	DWR	X	X	
Recreation					
Mitigation Measure 3.12-1a: DWR shall assist Lake Perris SRA in conducting promotional and public outreach efforts to improve public awareness that the park is open during the drawdown period. The public outreach effort shall include making brochures available and posting of informational signs throughout the park describing the work being conducted and to advertise the facilities and activities currently available in order to promote recreational use at Lake Perris.	• DWR shall assist Lake Perris SRA with public awareness and outreach. • Prepare promotional brochures and signs.	DWR	X	X	
Mitigation Measure 3.12-1b: At the conclusion of the project, DWR shall work cooperatively with DPR to assess physical deterioration to the marina, if any, directly related to the project. DWR shall develop an action plan with DPR and mitigate for those impacts.	• DWR shall prepare an action plan for mitigation the marina. • Comply with requirements of the action plan.	DWR			X
Mitigation Measure 3.12-2: DWR shall include in construction contractor specifications that construction would avoid the Big Rock rock-climbing area and that construction of the haul road would not alter the appearance of the rock cliff. Closed climbing structures would be identified for public awareness.	• Include Mitigation Measure 3.12-2 language in the construction contract specification. • Perform site inspections to verify contractor compliance. Retain inspection records in the project file.	DWR		X	

DWR PERRIS DAM REMEDIATION PROGRAM MITIGATION MONITORING AND REPORTING PROGRAM (continued)

Mitigation Measures	Implementation, Monitoring, and Reporting Action	Responsibility	Monitoring Schedule		
			Before Construction	During Construction	After Construction
Transportation and Traffic					
Mitigation Measure 3.13-1: The following requirements shall be incorporated into contract specifications for the project: • The contractor(s) shall prepare and implement a traffic safety / traffic management plan, which would establish, at a minimum, the process for notification of construction activity and the means for people to report problems during construction. The plan will be made available to the public. Elements of the contractor's plan will include, but are not necessarily limited to, the following: – Provide a schedule of deliveries over the construction period showing the estimated number of trucks traveling to and from the project site during the different phases of the work. Provide updates of estimated truck traffic volumes as construction proceeds. Encourage off-peak hour deliveries. – Comply with roadside safety protocols. Provide advance "Road Work Ahead" (and other appropriate) warning signs to achieve required speed reductions for safe traffic flow (including turning movements between the Ramona Expressway and the main access roads) into and out of the work site. – Promote carpooling and use of public transportation for workers traveling to the construction site.	• Include Mitigation Measure 3.13-1 in the construction contract specifications. • Perform site inspections to verify contractor compliance. Retain inspection records in the project file.	DWR	X	X	
Mitigation Measure 3.13-2a: DWR shall post signs at closed roads indicating the closure schedule and alternate routing for recreational and regular access. In addition, closure notification shall be posted on the DWR and Lake Perris SRA websites.	• DWR shall clearly notify the public regarding road closures. • Perform site inspections to verify contractor compliance with posting signs and alternative routes. • Post road closure information on DWR and Lake Perris websites.	DWR		X	

DWR PERRIS DAM REMEDIATION PROGRAM MITIGATION MONITORING AND REPORTING PROGRAM (continued)

Mitigation Measures	Implementation, Monitoring, and Reporting Action	Responsibility	Monitoring Schedule		
			Before Construction	During Construction	After Construction
Mitigation Measure 3.13-2b: DWR shall prepare a traffic control plan that identifies specific traffic control measures to ensure safety on the local roadway network and within the Lake Perris SRA. Control measures shall include use of flaggers within Lake Perris SRA if construction vehicles utilize Lake Perris SRA roads and trails outside the construction exclusion zone.	• DWR shall prepare a traffic control plan. • Perform site inspections to verify contractor compliance with traffic control plan. Retain inspection records in the project file.	DWR	X	X	
Mitigation Measure 3.13-2c: Peak travel periods shall be avoided when scheduling road closures.	• Include Mitigation Measure 3.13-2c in the traffic control plan. • Perform site inspections to verify contractor compliance with the traffic control plan. Retain inspection records in the project file.	DWR	X	X	